

THE UNITED STATES PATENT AND TRADEMARK OFFICE

1

In re Application of:

Shilin Chen

Serial No.:

10/766,494

Date Filed:

January 28, 2004

Group Art Unit:

2128

Examiner:

Hugh M. Jones

Title:

ROLLER-CONE BITS, SYSTEMS, DRILLING METHODS, AND DESIGN METHODS WITH

OPTIMIZATION OF TOOTH ORIENTATION

Mail Stop AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

EXPRESS MAIL CERTIFICATE NO.: EV 473953689 US

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Name:

Date:

Willie Jiles

December 15, 2004

INFORMATION DISCLOSURE STATEMENT

Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the references listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified patent application. Copies of these references are enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. § 1.97(h), no representation is made that these references qualify as prior art or that these references are material to the patentability of the present application.

PATENT APPLICATION 10/766,494

ATTORNEY DOCKET 074263.0208

2

The subject matter of a related patent was involved in Civil Action No. 4-02CV269 in the United States District Court for the Eastern District of Texas, Sherman Division, styled *Halliburton Energy Services, Inc. v. Smith International, Inc.* (the "Litigation"). The attached PTO-1449 form includes documents relating to the Litigation. Applicant requests that such documents be considered and cited in the examination of the above-identified patent application.

This Information Disclosure Statement is submitted before an Office Action on the merits, and therefore, pursuant to 37 C.F.R. § 1.97(b), no fee is believed due. However, if a fee is due, the Commissioner is authorized to charge such fee to Deposit Account No. 50-2148 of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P. Attorneys for Applicant

Luke K. Pedersen

PHONE: (214) 953-6655

Date:

CORRESPONDENCE ADDRESS:

Customer Number: 31625
Attorney Docket Number: 074263.0208

AUS01:366432.1

Page 1 of 1

PT	O-1449)		Application No.	Application No. Applicant(s)					
	Info	rmation Disclos	ure Citation	10/766,494 Docket Number				ite		
		in an Applica		074263.0208	2128 Janua		ry 28, 2004			
				U.S. PATENT DOCUMENTS			<u> </u>			
		DOCUMENT NO.	DATE	NAME	С	LASS	SUBCLASS	FILING DATE		
	Α	2004/0167762	08/26/04	Chen	703 10		10	02/26/2004		
_/	BP	E								
[C.	TO NOTE OF			-					
1	BEC,				<u> </u>					
_	F. F.	THADEMAR								
	F							ļ		
	G.									
	FOREIGN PATENT DOCUMENTS								SLATION	
		DOCUMENT NO.	DATE	COUNTRY	_ C	LASS	SUBCLASS	YES	NO	
	Н.	CN 2082755U	8/14/91	China	E	21 B	10/50	X		
	I.							-		
	J.									
				NON-PATENT DOCUMENTS						
		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)							DATE	
	K.	Communication of a Notice of Opposition filed October 4, 2004 with the European Patent Office							10/04/2004	
	L.	Communication of a Notice of Opposition filed October 21, 2004, with the European Patent Office							10/21/2004	
	М.	Brief Communication from European Patent Office enclosing letter from the opponent of October 13, 2004							10/22/2004	
	N.	Composite Catalog of Oil Filed Equipment & Services, 27th Revision 1666-67 Volume 3								
	О.	Lecture Handouts, Rock Bit Design, Dull grading, Selection and Application, presented by Reed Rock bit Company							10/16/1980	
	P.	Longer Useful Lives for Roller Bits Cuts Sharply into Drilling Costs, South African Mining & Engineering Journal, Vol. 90, pgs. 39-43							3/1979	
	Q.									
	R.									
				LITIGATION DOCUMENTS			B			
	S.	Memorandum Opinion of Judge Davis, signed February 13, 2004, in the United States District Court for the Eastern District of Texas, Sherman Division, Civil Action No. 4-02CV269, Halliburton Energy Services, Inc. v. Smith International, Inc., 37 pages (including fax coversheet).							02/19/2004	
	Т.	Final Judgment of Judge Davis, signed August 13, 2004, in the United States District Court for the Eastern District of Texas, Sherman Division, Civil Action No. 4-02CV269, Halliburton Energy Services, Inc. v. Smith International, Inc., 3 pages							08/13/2004	
	U.	Sworn written statement of Stephen Steinke and Exhibits SS-1 to SS-6							10/13/2004	
	V.									
EXAMINER DATE CONSIDERED										
EX	AMINER sidered.	: Initial if citation considere	ed, whether or not citati	on is in conformance with MPEP § to the applicant.	609. Dr	aw line throug	gh citation if not in co	nformance	and not	